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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	10/587,515
Filing Date	June 06, 2007
First Named Inventor	Shimshon BELKIN et al
Art Unit	1636
Examiner Name	VOGEL, NANCY TREPTOW
Attorney Docket Number	32473

Sheet	1	of	3
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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	2002/0006605	17-Jan-2002	Gu	
	2	2002/0015940	07-Feb-2002	Rao et al.	
	3	2002/0045272	18-Apr-2002	McDevitt et al.	
	4	2004/0009485	15-Jan-2004	Gonye et al.	
	5	2004/0018485	29-Jan-2004	Ravkin et al.	
	6	2004/0063162	01-Apr-2004	Dunlay et al.	
	7	5,252,294	12-Oct-1993	Kroy et al.	
	8	5,580,523	03-Dec-1996	Bard	
	9	5,777,888	07-Jul-1998	Rine et al.	
	10	5,858,804	12-Jan-1999	Zanzucchi et al.	
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	12	6,565,815	20-May-2003	Chang et al.	
	13	6,664,104	16-Dec-2003	Pourahmadi et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Documents	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> : Number <sup>4</sup> : Kind Code <sup>5</sup> (if known)			
	14	EP 1209569	29-May-2002	Tamatsu	
	15	EP 1387269	04-Feb-2004	Pofelski	
	16	WO 00/17624	30-Mar-2000	Jung et al.	
	17	WO 00/39346	06-Jul-2000	Melese et al.	
	18	WO 02/44427	06-Jun-2002	Kim	
	19	WO 2002/048338	20-Jun-2002	Lichtenberg-Frate	
	20	WO 2005/069737	04-Aug-2005	Belkin et al.	
	21	WO 94/01584	20-Jan-1994	Farr	
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				Application Number	10/587,515
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				First Named Inventor	Shimshon BELKIN et al
				Group Art Unit	1636
				Examiner Name	VOGEL, NANCY TREPTOW
Sheet	2	Of	3	Attorney Docket Number	32473
<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	22	Arikawa et al. "Microbial Biosensors Based on Respiratory Inhibition", Methos in Biotechnology, 6(Chap.16): 225-235, 1998.			
	23	Bartolome et al. "Genotoxicity Monitoring Using A 2D-Spectroscopic GFP Whole Cell Biosensing System", Sensor and Actuators B, 89: 27-32, 2003.			
	24	Belkin "A Panel of Stress-Responsive Luminous Bacteria for Monitoring Wastewater Toxicity", Methods in Molecular Biology, 102(Chap.21): 247-258.			
	25	Belkin "Microbial Whole-Cell Sensing Systems of Environmental Pollutants", Current Opinion in Microbiology, 6: 206-212, 2003.			
	26	Ben-Israel et al. "Identification and Quantification of Toxic Chemicals By Use of Escherichia Coli Carrying Lux Genes Fused to Stress Promoters" Applied And Environmental Microbiology, 64(11):4346-4352, 1998.			
	27	Biran et al. "Optical Imaging Fiber-Based Live Bacterial Cell Array Biosensor", Analytical Biochemistry, 315: 106-113, 2003.			
	28	Biran et al. "Optical Imaging Fiber-Based Single Live Cell Array: A High-Density Cell Assay Platform", Analytical Chemistry, 74(13): 3046-3054, 2002.			
	29	Burlage et al. "Living Biosensors for the Management and Manipulation of Microbial Consortia", Annual Reviews in Microbiology, 48: 291-309, 1994.			
	30	DI Paolantonio "Induced Bacterial Electrode for the Potentiometric Measurement of Tyrosine", Analytica Chimica Acta, Vol. 141: P.1-13, 1982.			
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	32	Harkins et al. "The Role of Host Organism, Transcriptional Switches and Reporter Mechanisms in the Performance of Hg-Induced Biosensors", Journal of Applied Microbiology, 97: 1192-1200, 2004.			
	33	Joshi et al. "Immobilization of Activated Sludge For The Degradation of Phenol", J. Environ. SCI. Health, A34 (8), P. 1689-1700, 1999.			
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	36	Lemarchand et al. "Molecular Biology and DNA Microarray Technology for Microbial Quality Monitoring of Water", Critical Reviews in Microbiology, 30: 145-172, 2004.			
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	37	Min et al. "Specific Responses of Bacterial Cells to Dioxins", Environmental Toxicology and Chemistry, 22(2): 233-238, 2003.			
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	39	Mitchell et al. "An Escherichia Coli Biosensor Capable of Detecting Both Genotoxic and Oxidative Damage", Applied Microbiology and Biotechnology, 64(1): 46-52, 2004.			
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	42	Riedel et al. "Arxula Adeninivorans Based Sensor for the Estimation of Bod", Analytical Letters, 31(1): 1-12, 1998.			
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	48	Van Dyk et al. "LuxArray, A High-Density, Genomewide Transcription Analysis of Escherichia Coli Using Bioluminescent Reporter Strains", Journal of Bacteriology, 183(19): 5496-5505, 2001.			
	49	Van Dyk et al. "Rapid and Sensitive Pollutant Detection by Induction of Heat Shock Gene-Bioluminescence Gene Fusions", Applied and Environmental Microbiology, 60(5): 1414-1420, 1994.			
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